

Ok to Enter

/WHM III/

01/15/2010 Appl. No. 10/075,786

Amdt. dated January 7, 2010

Reply to Office Action dated August 4, 2009

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1 (currently amended). A protective sleeve for lengths of material such as electrical cable, hoses, ropes, hydraulic lines, tethers, and lanyards used in environments such as airports, docks, and construction sites in which said lengths of material are moved back and forth across abrasive surfaces and subjected to abrasion, chemicals, moisture, and weather extremes, said protective sleeve encasing said length of material, having open ends and formed of an elongated sheet consisting of a woven, lightweight fabric, with a thermoplastic film bonded to at least one side thereof, the fabric being made substantially of yarns formed primarily of long chain polyethylene fibers having a tensile modulus equal to or greater than 150 grams/denier, and a tenacity equal to or greater than 20 grams/denier, the yarns having a denier between 400 and 1000, the fabric having a warp and fill density of between 30 and 36 ends per inch, and the thermoplastic film selected from the group consisting of polyethylene and ethylene vinyl acetate, wherein the protective sleeve not only protects the lengths of material thereunder, but the fabric yarns themselves are resistant to deterioration from chemicals, fuels, ~~and the like~~, as well as being highly resistant to abrasion, cuts, and the fabric of the sleeve is resistant to heat build-up as a result of relative movement between the sleeve and the length of material.

2 (previously presented). The protective sleeve of Claim 1 wherein said fabric is formed from yarns containing at least 70 percent high performance yarns long chain polyethylene fibers.

3 (previously presented). The protective sleeve of Claim 1 wherein said fabric has a weight of between about 5 and 8 ounces per square yard.

4 (canceled).

5 (canceled).

6 (canceled).

7 (canceled).

8 (previously presented). The protective sleeve of Claim 1 wherein said sleeve is formed as an elongated sheet having opposed longitudinal edges, said opposed longitudinal edges including means releasably attaching said opposed longitudinal edges together around the length of said material.

9 (previously presented). The protective sleeve of Claim 8 wherein said means for fastening said opposed longitudinal edges comprises hook and loop material.

10 (previously presented). The protective sleeve of Claim 1 wherein said sleeve is formed as a plurality of bands, each band comprising a short length of said fabric, said bands being spaced apart along the length of said material.

11 (previously presented). The protective sleeve of Claim 10 wherein each of said bands is formed as a short length of fabric having opposed longitudinal edges, said opposed longitudinal edges including means for fastening said opposed longitudinal edges together around the length of said material.

12 (previously presented). The protective sleeve of Claim 11 wherein said means for fastening said opposed longitudinal edges comprises hook and loop material.

13 (previously presented). The protective sleeve of Claim 1 further including a hood formed of the same fabric as said sleeve and fastened to at least one end of said sleeve for protecting an exposed end of said length of material.

14-26 (cancelled).

27 (currently amended). An abrasion-resistant, cut-resistant, and tear-resistant protective cover system for airports, docks, and construction sites comprising:

- (a) a length of material selected from the group consisting of electrical cables, hoses, ropes, hydraulic lines, tethers, and lanyards that must be periodically moved or pulled across abrasive surfaces and subjected to chemicals, moisture, and weather conditions; and
- (b) a protective sleeve having open ends and encasing said length of material and formed of an elongated sheet consisting of a lightweight, woven fabric and a thermoplastic film bonded to at least one side thereof, the fabric made substantially of yarns formed primarily of long chain polyethylene fibers having a tensile modulus equal to or greater than 150 grams/denier and a tenacity equal to or greater than 20 grams/denier, the yarns having a denier between 400 and 1000, the fabric having a warp and fill density of between 30 and 36 ends per inch, and the thermoplastic film selected from the group consisting of polyethylene film and ethylene vinyl acetate, wherein said protective sleeve not only protects the lengths of material thereunder, but the fabric yarns themselves are resistant to deterioration from chemicals, fuels, and the like, as well as being highly resistant to abrasion, and the fabric of the sleeve is moisture-resistant, fuel-resistant, oil-resistant, abrasion-resistant, cut-resistant, tear-resistant, and resistant to heat build-up as a result of relative movement between the sleeve and the length of material.

28 (previously presented). The system of Claim 27 wherein said fabric is formed from yarns containing at least 70 percent long chain polyethylene fibers.

29 (previously presented). The system of Claim 27 wherein said fabric has a weight of between about 5 and 8 ounces per square yard.

30 (cancelled).

31 (cancelled).

32 (cancelled).

33 (cancelled).

34 (previously presented). The system of Claim 27 wherein said sleeve is formed as an elongated sheet having opposed longitudinal edges, said opposed longitudinal edges including means for releasably attaching said opposed longitudinal edges together around the length of said material.

35 (previously presented). The system of Claim 34 further including means for securing said open ends of the sleeve to said length of material.

36 (previously presented). The system of Claim 27 wherein said sleeve is formed as a plurality of bands, each band comprising a short length of said fabric, said bands being spaced apart along the length of a material to be protected.

37 (previously presented). The system of Claim 36 wherein each of said bands is formed as a short length of fabric having opposed longitudinal edges, said opposed longitudinal edges including means for fastening said opposed longitudinal edges together around the length of a material to be protected.

38 (previously presented). The system of Claim 37 wherein said means for fastening said opposed longitudinal edges comprises hook and loop material.

39 (previously presented). The system of Claim 27 further including a hood formed of the same fabric as said sleeve and fastened to at least one end of said sleeve for protecting an exposed end of said length of material.

40 (cancelled).